



SEQUENCE LISTING

<110> Lester, Henry
Davidson, Norman
Kofuji, Paulo

<120> Inward Rectifier, G-Protein Activated, Mammalian, Potassium
Channels and Uses Thereof

<130> A-63098-1/RFT/THR (468250-00008)

<140> 09/039,927
<141> 1998-03-18

<150> US 08/066,371
<151> 1993-03-21

<150> US 08/614,801
<151> 1996-03-07

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<170> PatentIn version 3.2

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Leu Gln Pro Gln Gly Pro Gly Gln Gly Pro Gln Gln Gln Leu Val Pro
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cag cac ggc aac ctg ggc agc gag acc agt cgc tac ctt tcc gac ctc 244
Gln His Gly Asn Leu Gly Ser Glu Thr Ser Arg Tyr Leu Ser Asp Leu
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Phe Thr Thr Leu Val Asp Leu Lys Trp Arg Trp Asn Leu Phe Ile Phe
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Ser Glu Lys Ala Tyr Ser Leu Gly Asp Leu Pro Met Lys Leu Gln Arg	
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Thr Lys Met Leu Ser Asp Pro Met Ser Gln Ser Val Ala Asp Leu Pro	
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Pro Lys Leu Gln Lys Met Ala Gly Gly Pro Thr Arg Met Glu Gly Asn	
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Val Asp Tyr Asn Ser Phe His Glu Thr Tyr Glu Thr Ser Thr Pro Ser		355		360		365	
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1978

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Asp Arg Thr Lys Arg Lys Ile Gln Arg Tyr Val Arg Lys Asp Gly Lys
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Cys Asn Val His His Gly Asn Val Arg Glu Thr Tyr Arg Tyr Leu Thr
65 70 75 80

Asp Ile Phe Thr Thr Leu Val Asp Leu Lys Trp Arg Phe Asn Leu Leu
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Ile Phe Val Met Val Tyr Thr Val Thr Trp Leu Phe Phe Gly Met Ile
100 105 110

Trp Trp Leu Ile Ala Tyr Ile Arg Gly Asp Met Asp His Ile Glu Asp
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Phe Leu Phe Ser Ile Glu Thr Glu Thr Thr Ile Gly Tyr Gly Tyr Arg
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Val Ile Thr Asp Lys Cys Pro Glu Gly Ile Ile Leu Leu Leu Ile Gln
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Val Lys Ile Ser Gln Pro Lys Lys Arg Ala Glu Thr Leu Val Phe Ser
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Thr His Ala Val Ile Ser Met Arg Asp Gly Lys Leu Cys Leu Met Phe
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Arg Val Gly Asp Leu Arg Asn Ser His Ile Val Glu Ala Ser Ile Arg
225 230 235 240

Ala Lys Leu Ile Lys Ser Lys Gln Thr Ser Glu Gly Glu Phe Ile Pro
245 250 255

Leu Asn Gln Ser Asp Ile Asn Val Gly Tyr Tyr Thr Gly Asp Asp Arg
260 265 270

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275 280 285

Ser Pro Phe Trp Glu Ile Ser Lys Ala Gln Leu Pro Lys Glu Glu Leu
290 295 300

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Cys Gln Ala Arg Ser Ser Tyr Ile Thr Ser Glu Ile Leu Trp Gly Tyr
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Arg Phe Thr Pro Val Leu Thr Met Glu Asp Gly Phe Tyr Glu Val Asp
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Tyr Asn Ser Phe His Glu Thr Tyr Glu Thr Ser Thr Pro Ser Leu Ser
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cgg ttc aca tcc gtg ctc acc ctg gag gat ggt ttc tat gag gtg gac Arg Phe Thr Ser Val Leu Thr Leu Glu Asp Gly Phe Tyr Glu Val Asp 305 310 315	1261
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Trp Thr Pro Cys Val Asn Asn Leu Asn Gly Phe Val Ala Ala Phe Leu
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180 185 190

Gly Asp Leu Arg Ser Ser His Ile Val Glu Ala Ser Ile Arg Ala Lys
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